

19971112.ba v01_n771.bam.971112

>From ???@??? Thu Nov 13 01:38:03 1997
Message-Id: <199711122231.QAA16722@sco.theporch.com>
Date: Wed, 12 Nov 1997 16:31:52 CST
Subject: BOATANCHORS digest 1771

BOATANCHORS Digest 1771

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- 1) Receive Cvtr. Fix-it bib. (list)
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- 2) RE: LARRY WARE
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- 3) Re: PSU rectifiers, was: That darned glass audio crowd....
by Colin Thompson <burkec@goldstate.net>
- 4) Apology Re Glass Audio Crowd
by Colin Thompson <burkec@goldstate.net>
- 5) Info on Telegraph Distortion Analyzer Wanted
by Paul Bernhardt <bern@ppdu.nrl.navy.mil>
- 6) FS: NIB RCA 7360 tubes
by "Terry O'Laughlin" <terryo@wort-fm.terracom.net>
- 7) Who wanted Bremer-Tully info?
by Sheldon Wheaton <swheaton@sky.net>
- 8) Re: Info on Telegraph Distortion Analyzer Wanted
by Bob Roehrig <broehrig@admin.aurora.edu>
- 9) Gonset Communicator parts available
by Bob Roehrig <broehrig@admin.aurora.edu>
- 10) have Desk, need 810's
by Brian.Harris@sv.sc.philips.com (Brian Harris)
- 11) Re: PSU rectifiers, was: That darned glass audio crowd....
by rlahlum@juno.com (Ross J Lahlum)
- 12) Boatanchors & Audio
by rlahlum@juno.com (Ross J Lahlum)
- 13) Re: That darned glass audio crowd....
by John Ward <ww1aero@ix.netcom.com>
- 14) Re: More Comet musings
by John Ward <ww1aero@ix.netcom.com>
- 15) Re: That darned glass audio crowd....
by John Ward <ww1aero@ix.netcom.com>
- 16) HA-20 Help Needed
by ARONGV@aol.com
- 17) Misc Stuff
by Sandy W5TVW <ebjr@worldnet.att.net>
- 18) FS Litterature
by "ro" <otterstad@inet.uni-c.dk>
- 19) FS: Hammerlund Super-Pro

- by "John Goller" <k9uwa@cris.com>
- 20) Re grid resistor
by philip mccooy <dgnova@erols.com>
- 21) anyone have an AC-4 Drake supply FS?
by john <johnmb@mindspring.com>
- 22) RE:Veteran's Day Salute:ART-13
by Jay Coward <jayc@hpcmrd42.sj.hp.com>
- 23) Talkie-Walkie
by midshires@cix.co.uk (Andrew Emmerson)
- 24) Re: Talkie-Walkie
by "Roberta J. Barmore" <rbarmore@indy.net>
- 25) Hickok VTVM Dumpster Rescue
by rhys@ix.netcom.com (Lawrence D. Wolken)
- 26) RE:Veteran's Day Salute:ART-13
by Ken Gordon <keng@uidaho.edu>
- 27) Re: Convert SB-10 to handle 160 meters, anybody already done
it?
by "David L. Thompson" <thompson@mindspring.com>
- 28) MORE COMET MUSINGS
by JOHN_SEHRING.parti@ecunet.org (JOHN SEHRING)
- 29) WHY THE INPUT RESISTOR
by "Herendeen, Robert" <Robert.Herendeen@smi.siemens.com>
- 30) Re: WHY THE INPUT RESISTOR
by "Mike B. Feher" <n4fs@monmouth.com>
- 31) need DX-35 pwr xfmr
by Brian.Harris@sv.sc.philips.com (Brian Harris)
- 32) Johnson TR switch
by Tom Clinton <Tom.Clinton@faa.dot.gov>

Date: Tue, 11 Nov 1997 20:51:43 -0500 (EST)
From: MNHopkins@aol.com
To: Boatanchors@theporch.com
Cc: kbritain@johnstontech.com, kevin.reeves@juno.com
Subject: Receive Cvtr. Fix-it bib. (list)
Message-ID: <971111205142_-1575724836@mrin47>

If you have to fix a receive converter, VHF or HF, without the diagram, these articles can usually point in the right direction. The first two, dedicated to replacing tubes with SS devices, do a good job showing both the modern crystal control schemes (WRL 6-PMC) and the older tunables (RME VHF-152) complete with original diagrams.

"Toss Out Your Tubes," Suarez, L. (OA4K0), 73, Nov. 1985, p 22

The illustrated WRL Globe 6-PMC, with its 6BQ7/6U8 line up and crystal control will stand for most all of the two-tube converters including the

popular Ameco CB-X series, the front of a Heath Shawnee and the high converter of a Lafayette HA-225 RX plus most of the Collins inspired front ends at HF that result in equal, usually 500 kc, tunable stretches of coverage.

"Modifying a Tube Converter for FET Operation," Maurer, L, (W6OSA), 73, June 1969, p 114

Many newcomers have not seen a RME-152 converter of the type here illustrated, but they once ruled the VHF roost. They convert a band of frequencies to a specific lower frequency, often in the BCB, and the genre includes the Gonset mobile series and most everything made before 1950. As in the above note, the fact that the authors seek a SS conversion in no way detracts from the value of the articles (or the schematics).

"Basic High Frequency Receiving Converter," Cameron, W. (WA4UZH), 73, 1968, Aug., p 22.

In stressing how simple it is to get a two-tube crystal converter going, the writer gives several hints for tweaking that should be especially valuable to one who wants to change a frequency or improve performance on a commercial set of the type noted in reference #1 above.

"Notes on VHF Converter Design," Duyn, J. (W2MLX) and Treptau, K., (K2CEM), QST, Feb. 1953, p 52.

This is the article that launched the Tecraft (The Equipment Crafters) line of converters which were first line four and five tube VHF converters of the 1950s and gave way to the Criterion series that is still seen in use today, with or without FETs for the post 1961 Nuvistors. Today the article is a restatement of the considerations and trade offs attendant to VHF converter building as well as a primer on fixing the more elaborate boxes such as the Tecraft cc series, the older Tapetones and other upscale items.

"A New Low-Noise Twin Triode," QST, Aug., 1951, p 46.

This is the prophetic birth announcement of the 6BQ7 which, with the 6BK7 and 6BZ7 family of twin triode TV tuner tubes, became the obligate front ends of a generation of 6M, 2M and often 220 converters. These old soldiers were routinely retired for Nuvistors at the end of the converter age (about 1964), but they still stand up well on 6M where outside noise is the real limiting factor and can still be employed on 2 if you don't need signals off the moon.

73 de ab5l, michael in dallas, student of Tecraft and International Crystal (ICM) ham products and mementoes of Six Meters' Golden Age: 1957-58
MNHopkins@AOL.com Box 226841, Dallas, TX 75222

Date: Tue, 11 Nov 1997 20:48:14 +0000
From: "Lawrence R. Ware" <lrware@pipeline.com>

To: boatanchors@sco.theporch.com
Cc: dr@cei.net, aculbert@pps1-po.phyp.uiowa.edu
Subject: RE: LARRY WARE
Message-ID: <3.0.32.19971111204523.006ea224@pop.pipeline.com>

At 08:43 11/11/1997 CST, Al wrote:

>I would like to echo Don Reave's comments about fellow listmember Larry Ware. I
>too was the recipient of his hospitality last week.
Me thinks both Don and Al flatter too much... :-)

>We also had the opportunity to feed his pet
>squirrel. Yep, he has a squirrel tame enough that it will eat peanuts out of
>your hand all while eyeballing a garage that is overfilled with BAs of National
>heritage.

RE the semi-tame local squirrel:

Whilst sitting atop Al's head and eating a peanut, Al asked, "He won't pee
will he?" To which I replied with a straight face... "Don't worry Al,
he's a little guy, he don't produce that much...." :-)

RE the overfilled garage:

Yet another National waits it turn in the queue occupying the space recently
vacated by Don's new Collins rigs. :-)

I'm glad Don picked up his Collins rigs; The Nationals were all starting
to act like a jilted wife... Took me quite a while to convince them the
relationship was both short term and platonic... :-0

>Thanks again Larry.

Gentlemen, you are both welcome. I enjoyed the time as much as you did.

-Larry Ware
lrware@pipeline.com
Orlando, Florida

Date: Wed, 12 Nov 1997 18:01:37 -0800
From: Colin Thompson <burkec@goldstate.net>
To: "Roberta J. Barmore" <rbarmore@indy.net>
Cc: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: PSU rectifiers, was: That darned glass audio crowd....
Message-ID: <346A5F81.1E79@goldstate.net>

Hi Bobbi,

Your comments and insight are allways appreciated. I also thought you
would have lots of gray hair and thick glasses from the depth of your
writing. Supprise from your bio, you are my age. Ever find yourself

unscrewing more light bulbs in the bathroom so you can't see as many grey hairs!?

I admit to being a little behind on theory. The last time I tried solid state rectification was in a pair of Fairchild phono preamps (hooked up to my beloved Linn Sondek, it still makes me want to get up and dance!). Yecch! Put the 6X4 back pronto. That's from an old burnt out audiophile's perspective. I was not the genius behind this, some excellent engineers were helping me.

I owe you a big thank-you for steering me towards Chuck Ripple and the R390A. Mine arrived today. Chuck did an amazing job. Interestingly enough, Chuck did some special things in the audio section as I described in my fire starter. The results? Forty percent better audio recovery from a signal than any of Chuck's personal radios! Did the same tricks to my Lowe HF150 and AR7030 Plus with similar results.

Regarding measurements. I have used equipment that measured great and sounded terrible. Most of the big name solid state manufacturers come to mind. ARC and CJ had some serious boo boos too. Of course the equipment that sounded good also measured the same. I think there is more to it than meets the eye. It has to meet the ear too.

Unfortunately the audiophile industry is full of ego, hype, payolla (magazines) and a bunch of profiteering folks that just plain can't hear! Looking back on all this sure makes the BA crowd seem even more pleasant.

Regards,

Colin

Date: Wed, 12 Nov 1997 18:18:01 -0800
From: Colin Thompson <burkec@goldstate.net>
To: boatanchors@theporch.com
Subject: Apology Re Glass Audio Crowd
Message-ID: <346A6359.5AD4@goldstate.net>

Greetings,

In replying to Bobbi's note I inadvertantly sent the note to the entire BA list. It is my understanding that this topic is not real popular and a bit off subject. My apologies for the mistake and the additional bandwidth.

Regards,

Colin Thompson

Date: Tue, 11 Nov 1997 21:47:51 -0500 (EST)
From: Paul Bernhardt <bern@ppdu.nrl.navy.mil>
To: boatanchors <boatanchors@theporch.com>
Subject: Info on Telegraph Distortion Analyzer Wanted
Message-ID: <Pine.A32.3.91.971111213435.19831D-100000@ppdu.nrl.navy.mil>

Gang,

I found a Model ASD 100 Telegraph Distortion Analyzer among some equipment that my dad (W6NE) had. I was made by Bridge Electronics in Beverly, New Jersey. This scope uses a 3RP1 CRT and has the following tubes: 12AT7 (2), 5963 (3), 5961, 6AL5, 0A2, 0B2, and 6X4. The front knobs have adjustments for Vert. Pos, Focus, Speed, Hor. Pos, Intensity, Baseline, Clamp. The side pots adjust SPEED (60, 75, 100), GATE (60, 75, 100), and BALANCE. The rear has pots for Trigger Adj. and Neut. Bias Adj. The switches on the front are labeled for POS/NEG, 60mA/20mA, Loop (Pol. or Neut.), Speed (60, 75, 100), Beam (off/on), Power. There is a single input jack labeled INPUT. The scope face reads PERCENT DISTORTION with a 0 to 50 scale. Finally there is a M and an S on the vertical scope scale. Does someone have any idea how to operate this scope? Am I correct in guessing this is made for setting up teletypes and the length of the mark (M) and space (S) in the TTY transmissions? Or does this scope have something to do with CW?

Thanks, Paul Bernhardt

Work: P.A. Bernhardt	Home: Paul Bernhardt, KF4FOR
Code 6794	5704 Ridge View Dr.
Naval Research Laboratory	Alexandria, VA 22310
Washington, DC 20375	
Tel: 202-767-0196	703-960-9656
FAX: 202-767-0631	

Date: Tue, 11 Nov 1997 22:46:49 -0600
From: "Terry O'Laughlin" <terryo@wort-fm.terracom.net>
To: boatanchors@theporch.com
Subject: FS: NIB RCA 7360 tubes
Message-ID: <199711120342.VAA29067@mendota.terracom.net>

A friend in Seattle tipped me off to a small cache of NIB RCA 7360 tubes at Radar Electric. They have 3 left and are asking less than half of what Antique Electronic Supply wants. Ask for Kevin @ 206-282-2511
Don't e-mail me, I won't part with mine.

73 Terry O' WB9GVB

Date: Tue, 11 Nov 1997 22:11:21 -0600 (CST)
From: Sheldon Wheaton <swheaton@sky.net>
To: BA List <boatanchors@sco.theporch.com>
Subject: Who wanted Bremer-Tully info?
Message-ID: <Pine.GS0.3.96.971111220939.8114M-100000@sky.net>

I recently corresponded with a list member who was looking for some info on the Bremer Tully company of the 1920's, but apparently deleted the message by accident. Please contact me so we can pick up where we left off. 73, Sheldon

Date: Tue, 11 Nov 1997 22:07:54 -0600 (CST)
From: Bob Roehrig <broehrig@admin.aurora.edu>
To: Paul Bernhardt <bern@ppdu.nrl.navy.mil>
Cc: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Info on Telegraph Distortion Analyzer Wanted
Message-ID: <Pine.ULT.3.96.971111220317.13341B-100000@admin.aurora.edu>

On Tue, 11 Nov 1997, Paul Bernhardt wrote:

> Gang,
> I found a Model ASD 100 Telegraph Distortion Analyzer among some
> equipment that my dad (W6NE) had.

What you have sounds exactly like a unit I had called the "teletypewriter Test Set TS-1060/GG". The manual I have is dated July 1958. Yes, it is for Teletype circuits, not Morse telegraph.

The unit is meant to be inserted in a TTY current loop and shows percentages and types of distortion. Normally, the pips that appear from the Mark/Space and Space/Mark transitions are supposed to be at the left edge (0%) side of the display. If you want a copy of the TM which I have, I'll be glad to send you one.

UFO's are real! (It's the Air Force that does not exist)
E-mail broehrig@admin.aurora.edu 73 de Bob, K9EUI
CIS: Data / Telecom Aurora University, Aurora, IL
630-844-4898 Fax 630-844-5530

Date: Tue, 11 Nov 1997 22:11:28 -0600 (CST)
From: Bob Roehrig <broehrig@admin.aurora.edu>
To: Boatanchors <boatanchors@sco.theporch.com>
Subject: Gonset Communicator parts available
Message-ID: <Pine.ULT.3.96.971111220922.13341D-100000@admin.aurora.edu>

I picked up the internal sub-chassis tonight for a Gonset Communicator (2 meters). I don't know what version it is (2 or 3) but the modules appear complete except for a missing vibrator from the supply. If you need any of these, contact me directly and we can go from there.

UFO's are real! (It's the Air Force that does not exist)
E-mail broehrig@admin.aurora.edu 73 de Bob, K9EUI
CIS: Data / Telecom Aurora University, Aurora, IL
630-844-4898 Fax 630-844-5530

Date: Tue, 11 Nov 1997 22:56:36 -0800
From: Brian.Harris@sv.sc.philips.com (Brian Harris)
To: boatanchors@theporch.com
Subject: have Desk, need 810's
Message-ID: <0006FFE3.1914@svlima.sv.sc.philips.com>

Call me a klutz, call me stupid. Nothing you can say will make me feel worse than I have made myself feel. I broke an 810 in my Desk KW (while removing it so I wouldn't break it while working on the modulation transformer). Duh!

I would like to buy some 810's; some used ones and, hopefully, two new ones. Please contact me if you have some for sale. Anybody want the busted one? The only thing wrong with it is a broken grid connection and a dose of air in the bottle.

Thank you all.

Brian Harris WA5UEK 'The Cosmophone Collector'

Date: Tue, 11 Nov 1997 23:36:22 -0600
From: rlahlum@juno.com (Ross J Lahlum)
To: rbarmore@indy.net
Cc: boatanchors@theporch.com
Subject: Re: PSU rectifiers, was: That darned glass audio crowd....
Message-ID: <19971111.235758.8982.3.rlahlum@juno.com>

On Tue, 11 Nov 1997 06:21:36 -0500 (EST) "Roberta J. Barmore"

<rbarmore@indy.net> writes:

. Unless the mfrs are chintzing out on filter
>components in a major way (and from National to Conrad-Johnson, I'm
>not
>seein' that), the rectifying device is just not significant.
>

There is switching noise generated in silicon rectifiers which tube
rectifiers avoid.

It can have high frequency components which may radiate within the
chassis & couple

to other stages. This may be why differences have been heard. Some
audio designs now use

different rectifier diodes, like Schottkys and soft-recovery diodes, to
reduce these

effects. Another technique is to put small bypass caps across the
diodes. This

is one of the classic fixes used to meet FCC Part 15 specs for emissions
conducted

back into the AC line.

Date: Tue, 11 Nov 1997 23:57:56 -0600

From: rlahlum@juno.com (Ross J Lahlum)

To: boatanchors@theporch.com

Subject: Boatanchors & Audio

Message-ID: <19971111.235758.8982.5.rlahlum@juno.com>

On Tue, 11 Nov 1997 11:32:04 -0500 John Shriver <jas@shiva.com> writes:

>Hey folks, let's nip this thread in the bud. It's not about
>boatanchors!

>

>While I have a tube audio system at home, this just isn't a subject to
>talk about on this list...

>

>Some of the subjective audio stuff is valid. Some is just a

>preference for distortion. ... The

>Boatanchors list is not about egos, let's keep it that way!

>

I have to agree with John, but just have to make a few comments first:

- This list is about tube radio equipment, and there is bound to be some
overlap

with audio. While it is unfortunate that audio equipment prices have

soared, that should not lead us all to condemn audiophiles just because they

like the sound of tube gear. I am a ham and an electrical engineer, and guess what,

I happen to like the sound of my tube audio equipment much more than the "old"

solid-state stuff. Yes, there is an audible difference. This has to do mainly with

the transfer functions of vacuum tubes (triodes in particular) being different from those

of transistors, which results in distortion components being mostly even-order, which

are less annoying to the ear. Maybe it also has something to do with my being a musician

(my gig before I even thought of going to engineering school) - but should I be condemned

for what my ears tell me?

I won't pay big bucks for silver-plated chassis, or output transformers wound with silver & teflon.

I just can't afford it, and even if it made a difference, the improvement would not justify the huge

difference in cost. But I think a lot of you guys out there are outraged by such crackpot ideas

and then conclude that anybody who thinks tubes are good for audio should be scorned.

OK, I won't take up any more bandwidth. Anyway, the damage is done to my reputation. I have

admitted to tubes being good for audio, and worse yet, to hearing the difference. All I ask is that

you consider that there are probably more people like me on the list than you think, and we are here

because we like tubes in all their glowing splendor, whether they are feeding antennas or voice coils.

You don't find the tube audio newsgroups bashing hams.

I've been holding this back for a long time, but I finally had to say it because I like this list,

and I have found it to be a real inspiration that has rekindled my interest in the ham gear

I could never afford as a kid. And I feel very strongly that good boatanchors should not be

torn apart so the tubes can be used to make silver-plated "high-end" amplifiers to appease

somebody's audiophilic ego. But please, let's not demean the high quality of this group

by condemning other users of tubes who do not conform to our own

specialized interests.

Thanks and 73,
Ross Lahlum KB9JJR
Ham, Engineer, Musician, and yes...Audiophile

Date: Wed, 12 Nov 1997 01:01:04 -0500
From: John Ward <www1aero@ix.netcom.com>
To: boatanchors@theporch.com
Subject: Re: That darned glass audio crowd....
Message-ID: <v03007804b08ef62b6176@[209.130.135.29]>

>I'm lost. How would "silver/teflon wire help improve audio recovery"
>in tube gear?
>Jeff KH2PZ / KH6

It's sorta like drinking Perrier Water. You paid through the nose for it,
it must be helping.

John, KE2ST , who still doesn't have any Monster Cable in his Hi Fi

Date: Wed, 12 Nov 1997 01:11:43 -0500
From: John Ward <www1aero@ix.netcom.com>
To: boatanchors@theporch.com
Subject: Re: More Comet musings
Message-ID: <v03007806b08ef80ed315@[209.130.135.29]>

>The Comet is coming along nicely, thanks in large part to the patience
>and good advice of listfolk. Last night saw the completion of
>capacitor replacement. _<snip>

>(2) The gain is now so high that when I turn it up all the way I now
>get regeneration. It quits when I crank the gain down again. This is
>a real problem for weaker stations.

>

>I have no idea where to hunt for these malevolent insects. Because of
>all the cap replacement, I figure it may have something to do with
>either parts placement or grounding. I was unable to use some of the
>original physical wiring schemes because the replacement caps are very
>different in terms of shape and termination.

>

> 73 A. B. Bonds

You probably have an IF stage that's oscillating. Are you sure all the bypasses you replaced are going to a real ground? Needing to change the physical wiring scheme offers opportunity for errors to creep in.

John, KE2ST

Date: Wed, 12 Nov 1997 01:04:36 -0500
From: John Ward <www1aero@ix.netcom.com>
To: boatanchors@theporch.com
Subject: Re: That darned glass audio crowd....
Message-ID: <v03007805b08ef70293fa@[209.130.135.29]>

>Hey folks, let's nip this thread in the bud. It's not about
>boatanchors!

>

True, but it did provide a bit of comic relief.

John, KE2ST, who likes to mix red and blue tubes together 'cuz they look purty.

Date: Wed, 12 Nov 1997 01:23:49 -0500 (EST)
From: ARONGV@aol.com
To: boatanchors@theporch.com
Cc: baswaplist@foothill.net
Subject: HA-20 Help Needed
Message-ID: <971112012347_1049471461@mrin51.mail.aol.com>

Hi Gang:

An old friend of mine used to be the head guy at Hallicrafters on bench testing. He is on Aol, but he's a lot prouder guy than me. I don't mind asking for help, especially help for someone else.

I'll give you his name if you request it off the list, but he'd prefer to just refer to him by his first name, Paul. He is very old and worried that he will never complete his Hallicrafter collection, which includes one of my

SR-400 models. He puts them all on the air from time to time.

In his earlier days, he traveled with the Detroit Pistons, filming all their games. Later, he was in charge of bench testing at Hallicrafters home plant.

Anyway, guys, he's about given up looking for a HA-20 VFO. He says it's all he needs to have a complete ham lineup of Hallicrafters rigs. Knowing his penchant for perfection, it's a collection I'd sure like to see and drool on!!

Paul is not in good health, and recently returned from the hospital, where he could have easily become a silent key. I know this sounds sorta like a tough luck story, but I told him I would post his need to the best Elmer List I know, and to the best swap list I know.

Please respond to my E-mail address off the list if you can get me a lead for Paul. He's not looking for a handout or a super bargain, as he can afford to pay for it.

73s and thanks for at least thinking about it.

Ron W00IZ

Date: Wed, 12 Nov 1997 06:41:28 +0000
From: Sandy W5TVW <ebjr@worldnet.att.net>
To: BASWAPLIST@FOOTHILL.NET, boatanchors@theporch.com, glowbugs@www.atl.org
Subject: Misc Stuff
Message-ID: <19971112064125.AAA4274@LOCALNAME>

Howdy gang!

I have two items to move. A Hewlett-Packard 415 and 416 signal generators. One is operational (or was!) one isn't. The one that works goes from about 750-1500 Mhz. The one that doesn't from about 1.2-4.4 Ghz. FREE for PICKUP only. Shipping will be expensive as they are heavy.

I am looking for a TRUE boatanchor! I'd like to find a Navy RAL receiver less power supply, preferably within driving distance of New Orleans. (200 miles or less?) I have some contacts in Houston that may be able to transport to here. Any out there laying dusty under a bench?

I still have a Hallicrafters SX-71 in pretty fair working condition to sell. It is cosmetically at least an "8", and all original knobs. This is the black-faced

variety with bandspread calibrated for 80/40/20/10 and 6 meters. \$120 plus the shipping.

73,

E. V. Sandy Blaize, W5TVW

"Boat Anchors collected, restored, repaired, traded and used!"

417 Ridgewood Drive

Metairie, LA., 70001

860 Hartley 'ECO' under construction**

*** Looking for a TRC-10 transceiver *****

*** looking for an RAL receiver *****

Date: Wed, 12 Nov 1997 11:01:58 +0100

From: "ro" <otterstad@inet.uni-c.dk>

To: <boatanchors@theporch.com>

Subject: FS Litterature

Message-ID: <199711121019.LAA05574@inet.uni2.dk>

Ragnar Otterstad

email : otterstad@inet.uni-c.dk

I have 2 manuals not needed :

BC 191-F from 1942

GEE Mk II Radar (tropical version) A.R.I 5718 (British)

Have no idea of the worth but :

No reasonable offers refused.

Postage to USA will be 6 dollars.

73 Rag OZ8RO

Date: Wed, 12 Nov 1997 12:32:40 +0000

From: "John Goller" <k9uwa@cris.com>

To: boatanchors@sco.theporch.com

Subject: FS: Hammerlund Super-Pro

Message-ID: <199711121219.HAA09579@cliff.concentric.net>

Any interest out there in a Hammarlund Super-Pro with supply?? It

will be available in Ft Wayne, IN at the fest this weekend....send me
an e-mail if you are interested....de John K9UWA
John K9UWA

k9uwa@cris.com

Date: Wed, 12 Nov 97 10:25:33 -0800
From: philip mccoys <dgnova@erols.com>
To: boatanchors@sco.theporch.com
Subject: Re grid resistor
Message-ID: <199711121432.JAA13976@smtp1.erols.com>

A resistor of about 30 ohms is placed in the grid lead of RF amplifiers and
mixers, to reduce parasitic oscillations. It's covered in some of the old
tube engineering books.

Philip McCoy dgnova@erols.com

Date: Wed, 12 Nov 1997 09:25:14 -0500
From: john <johnmb@mindspring.com>
To: boatanchors@theporch.com
Subject: anyone have an AC-4 Drake supply FS?
Message-ID: <199711121429.JAA22246@camel14.mindspring.com>

Looking for a working AC-4 power supply...
thanks in advance,
/John

johnmb@Mindspring.com

Date: Wed, 12 Nov 97 6:45:40 PST
From: Jay Coward <jayc@hpcmrd42.sj.hp.com>
To: boatanchors@theporch.com
Cc: jayc@hpcmrd42.sj.hp.com
Subject: RE:Veteran's Day Salute:ART-13
Message-ID: <9711121445.AA14855@hpcmrd42.sj.hp.com>

Greetings to the Group,

Last night I fired up my ART-13/BC-348 combo into a dummy load (I'm not liscensed for HF(yet)) and let my daughters talk into the T-17 and hear themselves on the 348. One is eight and the other is two and they got a real kick out of it!
73 Jay

Date: Wed, 12 Nov 1997 15:11 +0000 (GMT Standard Time)
From: midshires@cix.co.uk (Andrew Emmerson)
To: boatanchors@theporch.com
Cc: midshires@cix.co.uk
Subject: Talkie-Walkie
Message-ID: <memo.19971112151121.59433Z@midshires.compulink.co.uk>

What nobody has yet explained is why the French call these things Talkie-walkies! Go to any CB or cellular radio dealer and you will see these blessed talkie-walkies for sale as well...

73, Andy G8PTH
Andrew Emmerson/Midshires Mediatech/405 Alive
tel: 07000-405625, international +44 1604-844130
fax: 01604-821647, international +44 1604-821647

Date: Wed, 12 Nov 1997 10:55:02 -0500 (EST)
From: "Roberta J. Barmore" <rbarmore@indy.net>
To: Andrew Emmerson <midshires@cix.co.uk>
Cc: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Talkie-Walkie
Message-ID: <Pine.SUN.3.96.971112104608.27172A-1000000@indy1>

Hi, Andy. et al!

Of course it's "Talkie-Walkie" in French--most of the Romance languages use grammatical forms similar to Latin, and after two years as a C- HS Latin student, I still remember that Latin builds sentences inside-out to English. :) Betcha a nickel the form we're used to sounds silly to the French when transliterated!

(One of the abiding mysteries is why fast food that's "Carry-Out" in North American nations is "Take-Away" in other countries sharing the language! But I'd trade never knowing the why of that for a listing of the ?phonetic? ABCs that use "ack" for A, "emma" for M, and "toc" for T....)

Yours from the country where the buildings don't have a ground floor but skip right from the cellar to the first storey; 'sa wonder they don't fall over or something!

73,
--Bobbi

Date: Wed, 12 Nov 1997 10:10:42 -0600 (CST)
From: rhys@ix.netcom.com (Lawrence D. Wolken)
To: boatanchors@theporch.com
Subject: Hickok VTVM Dumpster Rescue
Message-ID: <199711121610.KAA11975@dfw-ix6.ix.netcom.com>

Hi Gang --

Recently rescued from the talons of the dumpster, a Hickok (R D Instruments) VTVM model 1600. The one short catalog blurb I was able to find from 1960 mentions that it sold for **\$245** (in a day when even a good VTVM was under \$100) , had 1% accuracy, and had an RF probe that was good to 200Mc (unfortunately missing). RD Instruments seems to have been their high end line. Must have been a wonderful piece and if it's possible, I'd like to restore it to it's former splendor.

It's almost all there except one tube (the one octal base) is missing. The other tubes are two 6AU6's, a 6X4, and 6AW8. So I guess I'll need at least a schematic in order to get started with it. Calibrating info would also be wonderful. Does anyone have any data on this beauty???

I've not seen any other of these Hickok/RDI items around. What's the history or relationship of R.D. Instruments to Hickok?

Thanks for the reply & 73
Larry Wolken N30JD

Date: Wed, 12 Nov 1997 10:31:43 -0800 (PST)
From: Ken Gordon <keng@uidaho.edu>
To: Jay Coward <jayc@hpcmr42.sj.hp.com>
Cc: Old Tube Radios <boatanchors@theporch.com>
Subject: RE:Veteran's Day Salute:ART-13
Message-ID: <Pine.BSF.3.95.971112103049.25956B-100000@piobaire.mines.uidaho.edu>

> Greetings to the Group,

> Last night I fired up my ART-13/BC-348 combo into a
> dummy load (I'm not liscensed for HF(yet)) and let my daughters
> talk into the T-17 and hear themselves on the 348. One is eight and the
> other is two and they got a real kick out of it!

You get that license ASAP! Why should your kids have all the fun of
listening to a nice ART-13 ? What about the rest of us ? (Pout...)

Ken W7EKB

Date: Wed, 12 Nov 1997 13:17:23 -0500 (EST)
From: "David L. Thompson" <thompson@mindspring.com>
To: boatanchors@sco.theporch.com
Subject: Re: Convert SB-10 to handle 160 meters, anybody already done
it?
Message-ID: <1.5.4.16.19971112141820.302fee94@pop.mindspring.com>

At 01:00 PM 11/11/97 EST, w2ec@vnet.IBM.COM wrote:
>This may be sacreligious to some of the purists, but I have a beat up SB-10
>that otherwise works fine, just looks poor (crease in front panel, missing
>meter cover, toggle switch replaceing a rotary switch). I don't have any 160
>BA SSB transmitters, but use the SB-10 with my Valiant II. I am willing to
>sacrifice the SB-10 in order to get it on 160 driving the Valiant.

The problem is not the SB-10 (or BW 51SB/51SB-B) but the phasing network
built by B&W that is the heart of the adaptor. This is for 80, 40, 20, 15,
10...not 160 or even the new bands. Perhaps a similiar phasing network just
for 160 might be the answer. Old handbooks like the CQ SSB Handbook by
W6TNS (See Jack There is a reason to keep an old book like that) have the
circuit. Haven't looked at my SB-10 manual recently, but it may be there, too.

One thing you might do is make a converter for 80 to 160. There was a
circuit in either the Editors and Engineers (W6SAI) or the ARRL Handbook
a few years ago. Ten Tec also made a converter for their Triton IV/540/544
series that you might find on the used market. Saw one last summer in the
Amateur Radio Trader for \$50.

73, Dave K4JRB

Date: Wed, 12 Nov 1997 15:53:14 -0500 (EST)
From: JOHN_SEHRING.parti@ecunet.org (JOHN SEHRING)
To: boatanchors@theporch.com

Subject: MORE COMET MUSINGS

Message-ID: <9711121553.aa19864@pcusa01.ecunet.org>

To: boatanchors@theporch.com

I think A.B. Bonds troubles show why you have to proceed very carefully.

I don't believe in 'wholesale' replacement of parts, i.e. don't do them all at once.

At a max, I like to proceed only one stage, preferably one part, at a time & then gingerly, always checking the patient's performance along the way.

Lead dress is sometimes extremely important. And yes, new, better parts may look, install & act somewhat differently than the original.

This point was brought home to me at a young age. I your 'genius' (he was 17, I was 14) convinced my parents that all the caps in our family's Magnavox console radio needed to be replaced. He could never get it to work again (there had been nothing wrong with it in the first place but who listened to a 14 year old in my family?!). It never worked again, what a shame.

-John Sehring (Wed, Nov 12, 1997 11:30 am MT @Baker, Montana) UCC WB2EQG

Date: Wed, 12 Nov 1997 12:52:40 -0800

From: "Herendeen, Robert" <Robert.Herendeen@smi.siemens.com>

To: "'boatanchors@sco.theporch.com'" <boatanchors@sco.theporch.com>

Subject: WHY THE INPUT RESISTOR

Message-ID: <505CAE82FD6FF01193AC0000F805B77D0A34DE@CALLISTO>

TO ALL,

Thanks for the excellent responses on the question of the series resistor in the grid of the 1st RF stage of comm receivers. I had no less than 11 answers, most within a hour of the post. Some were detailed and some brief, but all said the same thing: parasitic surpression. I was surprised to think that some of those tubes had enough gain at vhf to cause oscillation. I guess all it takes is a gain greater than 1 and the right phase relationship. Makes me wonder about those receivers that have no surpression like the NC183D.

Thanks again to everyone for the answers!!

Bob/W6JZR

Date: Wed, 12 Nov 1997 16:35:16 -0800
From: "Mike B. Feher" <n4fs@monmouth.com>
To: <Robert.Herendeen@smi.siemens.com>,
"Old Tube Radios" <boatanchors@theporch.com>
Subject: Re: WHY THE INPUT RESISTOR
Message-ID: <199711122135.QAA16805@shell.monmouth.com>

This was the old technology substitute for the ferrite bead.

Mike B. Feher, N4FS
89 Arnold Blvd.
Howell, NJ, 07731
732-901-9193

Date: Wed, 12 Nov 1997 15:47:55 -0800
From: Brian.Harris@sv.sc.philips.com (Brian Harris)
To: boatanchors@theporch.com
Subject: need DX-35 pwr xfmr
Message-ID: <00071031.1914@svlima.sv.sc.philips.com>

The subject line says it all...but there's more....the transformer is for a good friend of mine's re-obtained original novice rig. Any suitable replacement would be great. Thanks for your time.

Brian Harris WA5UEK

Date: 12 Nov 1997 09:21:12 -0500
From: Tom Clinton <Tom.Clinton@faa.dot.gov>
To: boatanchors@sco.theporch.com (IPM Return requested)
Subject: Johnson TR switch
Message-ID:
<0024F3469BB58009*/c=US/admd=ATTmail/prmd=gov+dot/o=faa/s=Clinton/g=Tom/@MHS>

Thanks to all who responded - a surprising number!

More on the problem:

I had the unit hooked up to a sort of secondary rig (HT-37, NC-300)

since I didn't want to take a chance on blowing up a 75A4. On CW, I normally leave the AF gain on the NC-300 pretty far up and use the RF gain as a "volume" control (the NC-300 has so much gain that noise is very fatiguing unless operated this way). Operated this way, the TR switch appears to be worthless - deafening sound when the XMTR is keyed. On the other hand, when the RF gain is all the way up and the AF gain is lowered to a comfortable level, the TR switch works like a charm. Apparently RF from the XMTR is entering the RCVR other than through the antenna terminals and is by-passing the stages controlled by the RF gain control. This seems a bit odd since the IF amp's as well as the RF amp's gain are controlled by the RF gain control (as long as the "secret" switch on the AF gain control is in the right position). It's been a while since I've looked at the NC-300 schematic and I don't have access to it at the moment. Its almost like the rf from the XMTR is feeding directly into the audio section but its obviously coming in ahead of the BFO.

I have noticed a similar problem with my NC-303 even when using an antenna RELAY, although it was with a XMTR that is not particularly well shielded. Maybe these old National receivers are just so darn sensitive that you have to kill the AC, pull all the tubes out, and throw a wet blanket over them during transmit.

Thanks again to all who offered help!

73, Tom Clinton W4ULL

End of BOATANCHORS Digest 1771
